

KOBAYASHI et al.
Divisional of Application No. 09/866,677
December 10, 2003

REMARKS/ARGUMENTS

Examination of this application is respectfully requested. Currently, claims 9-30 are pending in this application.

Conclusion:

Applicant believes that this entire application is in condition for allowance and respectfully requests a notice to this effect. If the Examiner has any questions or believes that an interview would further prosecution of this application, the Examiner is invited to telephone the undersigned.

Respectfully submitted,

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By: _____



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PIEZOELECTRIC DEVICE FOR INJECTOR

ABSTRACT OF THE DISCLOSURE

A piezoelectric device for an injector is built into an injector and generates driving force of the injector. A relation $d(0.1E_c)/d(1.2E_c) \geq 0.50$ is established between an apparent piezoelectric constant $d(1.2E_c)$ calculated from static elongation when an electric field of $1.2 E_c$ is applied to the piezoelectric device in the same direction as a polarizing direction while a preset load of 500 N is applied to the piezoelectric device, and an apparent piezoelectric constant $d(0.1E_c)$ calculated from static elongation when an electric field of $0.1 E_c$ is applied to the piezoelectric device in the same direction as the polarizing direction. The piezoelectric device so fabricated has high durability and can be used for a long time.